

JOB SUMMARY			PROJECT NUMBER TN # 1497	START DATE 2/8/2015
COUNTY Grant	COMPANY Linn Energy		CUSTOMER REP Orlando	
LEASE NAME Myers	Well No. A-4 ATU-16	JOB TYPE Surface	EMPLOYEE NAME DAVID SIGALA	

DAVID SIGALA					
SHAWN COTTON					
JOE ARELLANO					
SANTIAGO CALDITO					

Form. Name Class-Cement Grout Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Materials			
Mat. Type	Qty	Density	Lb/Gal
Disp. Fluid	H2O	Density 8.33	
Spacer type	H2O	BBL 10	
Spacer type		BBL	
Acid Type		Gal.	%
Acid Type		Gal.	%
Surfactant		Gal.	In
NE Agent		Gal.	In
Fluid Loss		Gal/Lb	In
Gelling Agent		Gal/Lb	In
Fric. Red.		Gal/Lb	In
MISC.		Gal/Lb	In

Date	Called Out	On Location	Job Started	Job Completed
		02/08/15	02/08/15	02/08/15
Time		600 PM	800 PM	1000 PM

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing	New	24	8.625	KB		
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
02/08/15	4.0	02/08/15	2.0	Surface
				JOB COMPLETED SAFE
				GOOD RETURNS
				FLOATS HELD
				40 BBL CEMENT BACK
Total	4.0	Total	2.0	

MAX 1000		AVG 100	
Average Rates in BPM			
MAX 3		AVG	
Cement Left in Pipe			
Feet		Reason	

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	450	Premium Class C	2% Calcium Chloride and .25 %wt Cellulose	6.34	1.35	14.8
2						
3			TAKE 5 1/2 FLOAT EQUIPMENT			
4						

Summary			
Preflush Breakdown	Type: MAXIMUM	Preflush: BBI 10.00	Type: H2O
	Let T.C.	Load & Bkdn: Gal - BBI	Pad Bbl -Gal
		Excess /Return BBI 40	Calc Disp Bbl
Average	Frac Gradient	Calc. TOC	Actual Dis
5 Min	10 Min	Treatment: Gal - BBI	Disc Bbl
	15 Min	Cement Slurry BBI 108.0	
		Total Volume BBI 162.00	

CUSTOMER REPRESENTATIVE *Walter Higgins* SIGNATURE

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TEX Pumping

JOB SUMMARY			PROJECT NUMBER TN # 1499	TICKET DATE 2/10/2015
COUNTY Grant	COMPANY Linn Energy	CUSTOMER REP Weldon Higgins		
LEADER NAME Myers	Well No. A-4 ATU 16	JOB TYPE Production	EMPLOYEE NAME Chris Lewis	

Chris Lewis					
Tony Lewis					
Joe Arallano					

Form. Name _____ Type: _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
		02/10/15	02/10/15	02/10/15
Time		300	730	900

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weid-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		15.6	5.5	J40	KB	2854	2500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

	Qty	Density	Lb/Gal
Mud Type			
Disp. Fluid	H2O	BBL	10
Spacer type	BBL		
Spacer type	BBL		
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		In
NE Agent	Gal.		In
Fluid Loss	Gal/Lb		In
Gelling Agent	Gal/Lb		In
Fric. Red.	Gal/Lb		In
MISC.	Gal/Lb		In

Hours On Location	Operating Hours	Description of Job
Date	Hours	
02/10/15	6.0	Production
02/10/15	1.5	
Total	6.0	
Total	1.5	

Perpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures	
MAX	2500
AVG	
Average Rates in BPM	
MAX	3
AVG	3
Cement Left in Pipe	
Feet	44
Reason	
	Shoe Joint

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	395	O-Tex LowDense	2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-13, 0.4% C-41P, 0.2% C-51, 0.25 #/sk Cellulose	13.29	225	11.5
2	0	0	0	0	0	0
3						
4						

Summary			
Preflush	Type: _____	Preflush: BBI	10.00
Breakdown	MAXIMUM _____	Load & Bkdn: Gal - BBI	50
	Lost Returns _____	Excess / Return BBI	0
	Actual TDC _____	Calc. TDC	0
Average	Frac. Gradient _____	Treatment: Gal - BBI	158.0
5 Min	10 Min	Cement Slurry BBI	235.00
15 Min		Total Volume BBI	

CUSTOMER REPRESENTATIVE *Weldon Higgins* SIGNATURE

Thank You For Using
 TEX Pumping